

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|--------------------|---------------------|
| 1 | 2 | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 and list same score | USPAT; US-PGPUB | 2003/12/22 16:06 |
| 2 | 1 | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 and list same score near acoustic\$4 | USPAT; US-PGPUB | 2003/12/22 16:06 |
| 3 | 2 | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 and list same score and comput\$6 | USPAT; US-PGPUB | 2003/12/22 16:07 |
| 4 | 2 | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 and list same score and comput\$6 and divid\$4 | USPAT; US-PGPUB | 2003/12/22 16:07 |
| 5 | 2 | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 and list same score and comput\$6 and divid\$4 and train\$4 | USPAT; US-PGPUB | 2003/12/22 16:08 |
| 6 | 1 | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 and list same score and comput\$6 and divid\$4 and train\$4 and count\$4 | USPAT; US-PGPUB | 2003/12/22 16:08 |
| - | 149 | Baum same Welch | USPAT; US-PGPUB | 2003/12/19 10:12 |
| - | 0 | Baum same Welch and ASR and language2 | USPAT; US-PGPUB | 2003/12/19 10:12 |
| - | 11 | Baum same Welch and ASR | USPAT; US-PGPUB | 2003/12/19 10:17 |
| - | 9 | Baum same Welch and ASR and scor\$4 | USPAT; US-PGPUB | 2003/12/19 10:18 |
| - | 0 | Baum same Welch and ASR and scor\$4 and model\$4 | USPAT; US-PGPUB | 2003/12/19 10:18 |
| - | 9 | Baum same Welch and ASR and scor\$4 and model\$4 | USPAT; US-PGPUB | 2003/12/19 10:19 |
| - | 7 | Baum same Welch and ASR and scor\$4 and model\$4 and utter\$5 | USPAT; US-PGPUB | 2003/12/19 10:19 |
| - | 9 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 | USPAT; US-PGPUB | 2003/12/19 10:20 |
| - | 9 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 | USPAT; US-PGPUB | 2003/12/19 11:09 |
| - | 4 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and count\$4 | USPAT; US-PGPUB | 2003/12/19 10:20 |
| - | 1 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and triplet\$4 | USPAT; US-PGPUB | 2003/12/19 11:08 |
| - | 9 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 | USPAT; US-PGPUB | 2003/12/19 11:09 |
| - | 7 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and vector | USPAT; US-PGPUB | 2003/12/19 11:10 |
| - | 7 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and vector\$4 | USPAT; US-PGPUB | 2003/12/19 11:11 |
| - | 6 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and list\$4 | USPAT; US-PGPUB | 2003/12/19 11:12 |
| - | 9 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 | USPAT; US-PGPUB | 2003/12/19 11:12 |
| - | 9 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) | USPAT; US-PGPUB | 2003/12/19 11:13 |
| - | 6 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4 | USPAT; US-PGPUB | 2003/12/19 11:13 |

| | | | | |
|---|---------|--|--------------------|---------------------|
| - | 9 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) | USPAT; US-PGPUB | 2003/12/19 11:14 |
| - | 6 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4 | USPAT; US-PGPUB | 2003/12/19 11:14 |
| - | 6 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4 and list\$4 | USPAT; US-PGPUB | 2003/12/19 11:15 |
| - | 4 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4 and list\$4 and vector\$4 | USPAT; US-PGPUB | 2003/12/19 11:15 |
| - | 2 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4 and list\$4 and vector\$4 and count\$4 | USPAT; US-PGPUB | 2003/12/19 11:15 |
| - | 2 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4 and list\$4 and vector\$4 and count\$4 | USPAT; US-PGPUB | 2003/12/19 11:16 |
| - | 2 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4 and list\$4 and vector\$4 and count\$4 and utteranc\$4 | USPAT; US-PGPUB | 2003/12/19 11:48 |
| - | 2 | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and (multipl\$5 or product) and (sum\$5 or add\$4) and divid\$4 and list\$4 and vector\$4 and count\$4 and utteranc\$4 | USPAT; US-PGPUB | 2003/12/19 11:48 |
| - | 24 | (sum\$5 or add\$4) same product and Baum same Welch | USPAT; US-PGPUB | 2003/12/22 10:39 |
| - | 1097630 | (sum\$5 or add\$4) same product and Baum same Welch amd multipl\$5 | USPAT; US-PGPUB | 2003/12/22 10:40 |
| - | 23 | (sum\$5 or add\$4) same product and Baum same Welch and multipl\$5 | USPAT; US-PGPUB | 2003/12/22 10:46 |
| - | 1 | (sum\$5 or add\$4) same product and Baum same Welch and multipl\$5 and ASR | USPAT; US-PGPUB | 2003/12/22 10:45 |
| - | 0 | (sum\$5 or add\$4) same product and Baum same Welch and multipl\$5 and language same model\$4 | USPAT; US-PGPUB | 2003/12/22 10:46 |
| - | 5 | (sum\$5 or add\$4) same product and Baum same Welch and multipl\$5 and language same model\$4 | USPAT; US-PGPUB | 2003/12/22 10:47 |
| - | 5 | (sum\$5 or add\$4) same product and Baum same Welch and multipl\$5 and language same model\$4 and speech\$4 | USPAT; US-PGPUB | 2003/12/22 10:48 |
| - | 1 | 5625749.pn. | USPAT; US-PGPUB | 2003/12/22 10:53 |
| - | 0 | 5625749.pn. and weight near vector\$4 | USPAT; US-PGPUB | 2003/12/22 10:59 |
| - | 0 | 5625749.pn. and weight same vector\$4 | USPAT; US-PGPUB | 2003/12/22 10:59 |
| - | 0 | 5625749.pn. and weight\$4 same vector\$4 | USPAT; US-PGPUB | 2003/12/22 11:00 |
| - | 183121 | 5625749.pn. and weight\$4 and vector vector\$4 | USPAT; US-PGPUB | 2003/12/22 11:00 |
| - | 1 | 5625749.pn. and weight\$4 and vector\$4 | USPAT; US-PGPUB | 2003/12/22 11:00 |
| - | 1 | 5625749.pn. and weight\$4 and vector\$4 and language same model\$4 | USPAT; US-PGPUB | 2003/12/22 11:06 |
| - | 1 | 5625749.pn. and weight\$4 and vector\$4 and language same model\$4 and coefficient\$4 | USPAT; US-PGPUB | 2003/12/22 12:10 |

| | | | | |
|---|-----|--|--------------------|---------------------|
| - | 0 | 5625749.pn. and weight\$4 and vector\$4 and language same model\$4 and coefficient\$4 and combin\$6 same scor\$4 | USPAT; US-PGPUB | 2003/12/22 12:10 |
| - | 1 | 5625749.pn. and weight\$4 and vector\$4 and language same model\$4 and coefficient\$4 and scor\$4 | USPAT; US-PGPUB | 2003/12/22 12:21 |
| - | 410 | more same language adj model | USPAT; US-PGPUB | 2003/12/22 12:21 |
| - | 2 | two near language adj model | USPAT; US-PGPUB | 2003/12/22 14:56 |
| - | 0 | "two or more" near language adj model | USPAT; US-PGPUB | 2003/12/22 12:23 |
| - | 0 | three near language adj model | USPAT; US-PGPUB | 2003/12/22 12:23 |
| - | 0 | two near language adj model and vector\$4 | USPAT; US-PGPUB | 2003/12/22 14:56 |
| - | 2 | two near language adj model and weight\$4 | USPAT; US-PGPUB | 2003/12/22 14:57 |
| - | 5 | two near language adj model\$4 and weight\$4 and language adj model\$4 | USPAT; US-PGPUB | 2003/12/22 15:01 |
| - | 3 | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 | USPAT; US-PGPUB | 2003/12/22 16:05 |